



Model 99002
Class 2

 **Bluetooth®**
**Multifunctional Stereo
Headphones**

User Manual



CAUTION

This product does not have a user-serviceable battery. Please do NOT attempt to change the battery yourself. The battery used in this device may present a risk of fire or chemical burn if misused. Please avoid extreme temperatures.

Do not use this product on an airplane in transit as this could disrupt communication.

Vers. 1 8/06

FCC Information: The Federal Communication Commission Radio Frequency Interference Statement includes the following paragraph:

This equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment uses, generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment Off and On, the user is encouraged to try to correct the interference by one or more of the following measures

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

IMPORTANT NOTE

To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void the user's authority to operate the device.

CLASS 2 OPERATION

Class 2 Bluetooth® devices provide a maximum range of approximately 10 meters or 30 feet. Class 1 devices have a maximum range of 100 meters or 300 feet. Since Bluetooth® connectivity is bi-directional, the maximum range between two devices depends upon both units' operational class. As an example, when one Class 1 device is paired with one Class 2 device, the maximum range between them will be limited to 10 meters or 30 feet. Both devices would have to be Class 1 in order to achieve the maximum 100 meter range.

Table of Contents

Charging.....	4
Pairing the Headphones	
To a Phone	5
To an Audio Source	6
Volume Control.....	7
Advanced Audio Controls.....	7
Switching between Audio and Phone Calls.....	8
FAQs	9
Specifications.....	10
Warranty.....	11

Using the Product

Thank you for selecting the GE 99002 Multifunctional Stereo Headphones. These headphones provide users with the ability to receive stereo audio transmitted via Bluetooth® wireless technology along with hands-free operation of Bluetooth®-enabled phones. When paired with a mobile phone, this headset allows you to switch back and forth between the audio source and a phone call. The audio source for this headset can be any audio device that is Bluetooth®-enabled to comply with A2DP (Advanced Audio Distribution Profile) specification. The phone must be compliant with Bluetooth® specification version 1.1 or 1.2.

Charging

- **Charge the unit for a minimum of 12 hours before first use. Use the enclosed USB charging cable or the AC Adapter to fully charge the headphones.**
- The red LED indicator will stay on constantly when charging.
- The headphones' red LED charging indicator will shut off automatically when the battery is fully charged.
- The red LED indicator will start to flash RED when the power is low. Charge the headset when you see the LED low power indicator flashing.

Special Note about Bluetooth® and Phones:

Bluetooth® communication in phones is a new and evolving technology. Unfortunately, like any new technology, not everything works perfectly every time.

Not all of the phones that utilize Bluetooth® use the same data interchange method. While the Bluetooth® industry and phone manufacturers are attempting to standardize this, it is not perfect. This Bluetooth® product is designed for compatibility with today's newer phones and may not work properly with older models.

There is also a possibility that not all of the phone's features will work on the Bluetooth® receivers and headsets. As an example, after pairing and connecting the phone to the headphones, you may not be able to answer the phone call by pressing the phone button on the headphones; however, you may be able to push the answer button on the phone and talk using Bluetooth® receivers and headsets. It is recommended that you experiment with your phone and receiver or headset to understand if you have any limitations with your Bluetooth® phone.

Note: Some phones require that an explicit connection be established with the headphones. For example, the Nokia 3650

requires a Bluetooth® connection to the headphones be initiated and stay connected before proceeding. Other phones may initiate a Bluetooth® connection only when a call is received. Refer to your phone's user manual for specific instructions. Some phones send the ring indication to the headset while others do not. If your phone supports this feature, you should hear the ring tone of your phone on the headset. Phones that do not support ring indication will automatically accept the call.

When using the GE 99002 headphones with a music source and a phone at the same time, the headphones should be paired with the phone before pairing with the audio device.

Caution: You will hear a high-pitched tone when the headphones are turned ON and the Bluetooth® pairing is initiated. You may want to wait until after the tone stops before wearing the headphones.

Pairing the Headphones to a Phone

1. Once charged, power on the GE 99002 headphones by moving the power switch to ON. The blue LED on the left ear side of the GE 99002 should start blinking, indicating it is searching for a device.
2. Make sure your Bluetooth® enabled phone is turned on and within 6 feet of the headphones.



Power ON/OFF

Use the phone's menu system to pair it with your phone if you want to be able to interrupt the music. See the phone's manual for directions on how to set your phone to pair with the headphones. Directions for most phones are as follows, however your phone may vary.

- a. Go to the options or settings menu—select Bluetooth®
- b. Enable phone for Bluetooth® operation

-
- c. Search for Bluetooth® devices
 - d. Once the search for devices is complete, you should find the 99002 headphones
 - e. Go through pairing sequence and connect to the 99002 headphones
 - f. Enter pass code "0000" if asked
 - g. Select "connect to 99002"

Connecting

1. "Pairing" creates a link between a Bluetooth®-enabled phone and the GE 99002 stereo headphones. It allows the phone to remember the headset's unique Bluetooth® ID. You may add it to your phone's "Paired Device" list. The headset needs to be paired only ONE time with the phone before use.
2. Once your phone is paired, some phones require another step of connecting to the device. Please check your phone's manual on how to connect via Bluetooth®.
3. Connect via your phone to the GE 99002. Please check your phone's owners manual for further information.
4. The blue LED Indicator on front of the left ear side blinks slow and steady to communicate pairing and connecting is successful.
5. Once the headphones are paired, they can be easily connected to the phone via the phone's menu system if you add them to the "Paired Device" list. Some phones will connect automatically while other phones will require you to go back into your Bluetooth® menu on your phone and connect. If the pairing information is deleted from the phone, the headset must be paired with the phone again.

Pairing the Headphones to an Audio Source

Make sure headphones are on and that your audio source is Bluetooth®-enabled or you've purchased a stand-alone

transmitter like the GE 99001 Portable Transmitter or GE 99004 Home Stereo Receiver/Transmitter to make your audio source Bluetooth®-capable.

1. Turn on the headset and your Bluetooth®-enabled audio source or transmitter. They should pair automatically within two minutes.
2. When pairing is complete, the blue Pairing LED indicator on the headset will blink steady and slowly. You should now hear the music playing from your transmitter thru the headphones.
3. If the audio source does not automatically pair to the GE 99002, turn off the GE 99002 and the transmitting device, then try again. This will cause the GE 99002 and your phone to lose their connection.
4. Turn on the transmitting device and then the GE 99002 again. While the GE 99002 and your audio device are pairing you will see the Blue LED on the GE 99002 flashing quickly. Once your GE 99002 is paired you will see a slow and steady blinking.

Note: Up to two minutes may be required to pair the headset with a Bluetooth®-enabled product or transmitter for the first time. Subsequent signal searches will be quicker.

Volume Control

Press and hold the Volume Up or Volume Down button to adjust. You will hear a beep when you adjust the volume to the maximum or minimum sound level.

Advanced Audio Controls

These advanced stereo headphones also provide music playback control for use with Bluetooth®-enabled audio devices offering this feature. If your audio device supports it, you can use the integrated controls on the headphones to control (play, pause, previous track, next track) your audio device.

Advanced Audio Controls

Function/ Mode	Button 1	Button 2	Button 3
Audio	Volume Up: Press & Hold	Volume Down: Press & Hold	Play / Pause: Short Press
	Next Song: Short Press	Previous Song: Short Press	Answer Phone: Long Press
Phone	Volume Up: Press & Hold	Volume Down: Press & Hold	Hang Up: Short Press
			Transfer Call to Phone: Long Press

Short Press: < 3 seconds
Long Press: > 3 seconds



Switching Between Audio and Phone Calls

Setting Up / Prerequisite

Using your Bluetooth®-enabled phone's menu, confirm that the 99002 headphones have been added to the "Paired Device" list and connected to your phone. Note: If you haven't paired the headset with the Bluetooth®-enabled phone before, refer to the section "Pairing the headphones to a phone."

Making the Switch

1. Make sure that both your phone and mobile audio device are paired with the headphones.

Note: Depending on your phone, you may have to pair the phone with the headphones first, and then pair the headphones with the audio device.

2. Depending upon your phone brand, when you receive a call, the headphones may automatically mute the music and switch to the phone mode automatically—just start talking. If you hear the phone ring, press the phone button on the headphones to answer. End a call by pressing the phone button, or wait for the caller to hang up. Music from the audio source will resume when the caller disconnects.

Conserving Battery Power

If you don't want to use the GE 99002 headphones, turn them off using the power switch.

Reconnecting to Your Phone

When you power on the GE 99002 some phones will auto connect and other phones will require you to go back to your Bluetooth® settings and manually connect. Please see the manual of your phone for how to connect.

FAQs

1. How can I tell if the headphone's battery has insufficient power?

The battery power is almost exhausted when one or more of the following scenarios occur:

- a. The headphones start to reset automatically.*
- b. You can constantly hear breaks on the audio link about every 30 seconds.*
- c. You cannot connect the headphones to any Bluetooth® enabled device.*

2. Why can't I create a connection to the headphones?

- a. Verify that the headphone batteries are fully charged.*
- b. Check to see if the headphones are powered on and the LED indicator light is on.*
- c. Verify that the headphones are within the specified range of 30 feet (10 meters) from the audio source.*
- d. Check to see if any other Bluetooth® device is connected to the headphones. If other devices are connected, the receiver's status LED indicator will flash slow and steady. Turn off all devices and reconnect only those you wish to use.*
- e. Turn both the headphones and the audio source device off. Power on the headphones and then power on the audio source and try connecting again.*

3. Can I adjust volume when I am in the phone mode?

The volume keys can be adjusted in both music and phone mode.

4. Why do I hear a beep from the headset?

The beep means the headphone is in low-power status.

The headset will beep every 20 seconds to remind you to charge it.

The red charging LED indicator also flashes to indicate low-power.

5. Why do my headphones miss or drop phone calls?

Some phones require manual activation and deactivation of the call via the phone's interface.

Specifications

Standard, Power Class	Bluetooth® 1.2 compliant, Class 2
Frequency Band	2.402~2.480 GHz unlicensed ISM band
Profile Supported	A2DP, AVRCP, Headset & Hands Free Profiles
Audio Format	SBC
Rx Sensitivity	< 0.1% BER at -80 dBm
RF Output Power	-6dBm to 4 dBm
Sampling Rate	48 KHz
SNR	>85dB
Antenna	embedded antenna
Working Distance	Up to 30 feet in open space*
Power Supply	350mAH Lithium Ion Battery
Operating Temperature	-10 °C ~ +55 °C
Dimensions, Folded	70mm (L) x 95mm (W) x 60mm (H)
Dimensions, Unfolded	150mm (L) x 110mm (W) x 65mm (H)
Ear-to-Ear Distance	150mm Max.
Weight	About 200 grams

**Note: The maximum operating range depends on the paired phone model, battery power, and environmental factors.*

DISCLAIMER

While every effort has been made to ensure that the information in this manual is accurate and complete, no liability will be accepted for any errors and/or omissions made. The manufacturer reserves the right to make changes and improvements to the specifications and features of the hardware and firmware of the products described in this document without prior notice. Reproduction, transfer, distribution or storage of part or all of the contents in this document in any form is prohibited without prior permission of the manufacturer. All trademarks acknowledged.

Limited One-Year Warranty

Jasco Products Company warrants this product to be free from manufacturing defects for a period of one year from the original date of purchase. This warranty is limited to the repair or replacement of this product only and does not extend to consequential or incidental damage to other products that may be used with this unit. This warranty is in lieu of all other warranties expressed or implied. Some states do not allow limitations on how long an implied warranty lasts or permit the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific rights, and you may also have other rights which vary from state to state. If this unit should prove defective within the warranty period, return prepaid with dated proof of purchase to: Jasco Products Company, 10 E. Memorial Road, Oklahoma City, OK 73114

The Bluetooth® word mark and logos are owned by Bluetooth® SIG, Inc. and any use of such marks by JASCO Inc. is under license. Other trademarks and trade names are those of their respective owners.

©2006 JASCO Products
Made in China